INSTRUCTIONS FOR INSTALLING THE 163775
MODIFICATION KIT TO EQUIP MODEL 28 KEYBOARD
LK6 AND UP OR LAK WITH SPACE-REPEAT
MECHANISM

1. GENERAL

a. The 163775 Modification Kit when installed on a Model 28 Keyboard LK6 and up
or LAK provides the space-repeat function when the space bar is held depressed.

b. The 163775 Modification Kit consists of:

<table>
<thead>
<tr>
<th>Qty</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2191</td>
<td>Washer, Lock</td>
</tr>
<tr>
<td>2</td>
<td>3599</td>
<td>Nut, 4-40</td>
</tr>
<tr>
<td>1</td>
<td>76422</td>
<td>Spring</td>
</tr>
<tr>
<td>1</td>
<td>110743</td>
<td>Washer, Lock</td>
</tr>
<tr>
<td>1</td>
<td>119648</td>
<td>Ring, Retaining</td>
</tr>
<tr>
<td>1</td>
<td>151152</td>
<td>Screw, Hex.</td>
</tr>
<tr>
<td>1</td>
<td>151686</td>
<td>Screw, Fil.</td>
</tr>
<tr>
<td>1</td>
<td>151692</td>
<td>Screw, Fil.</td>
</tr>
<tr>
<td>*1</td>
<td>151731</td>
<td>Screw, Fil.</td>
</tr>
<tr>
<td>1</td>
<td>163813</td>
<td>Plate w/Stud</td>
</tr>
<tr>
<td>1</td>
<td>163814</td>
<td>Lever w/Stud</td>
</tr>
</tbody>
</table>

c. For parts ordering information, see Teletype Model 28 Printer Parts Bulletins 1149B
and 1169B.

2. INSTALLATION

a. Remove the signal generator assembly from the keyboard in accordance with standard
practice.

b. Assemble 163814 Lever with hub to the 163813 Plate with stud and 119648 Retaining Ring.

c. Mount 151686 Adjusting Screw and 3599 Lock Nut to the 163813 Plate with stud.

d. Install the parts assembled in Paragraphs 2.b. and 2.c. above on signal generator
back plate with the 151152 Screw, 110743 Lock Washer, 151692 Screw, and 2191 Lock
Washer.

e. Mount 151731 Adjusting Screw and 3599 Lock Nut to the 163814 Lever with hub.

*Indicates Change
f. Mount the 76422 Spring.

g. Remount signal generator assembly in accordance with standard practice.

3. ADJUSTMENTS AND LUBRICATION

For standard adjustments and lubrication procedure refer to standardized information. Make adjustments and lubrication as shown on attached Figures 1 and 2.

*     *     *
FIGURE 2

SPACE-REPEAT LEVER SPRING REQUIREMENT
WITH SPRING UNHOOKED
MIN. 13-1/2 OZS.----MAX. 16-1/2 OZS. TO STRETCH SPRING TO INSTALLED LENGTH.

STOP LOCK NUT
RESET BAIL ROLLER
STOP
TRAVEL SCREW
TRAVEL SCREW LOCK NUT
SPACE-REPEAT LEVER
NON-REPEAT LEVER

STOP REQUIREMENT
MIN. 0.002 INCH----MAX. 0.020 INCH BETWEEN SPACE-REPEAT LEVER AND NON-REPEAT LEVER.
TO ADJUST
DEPRESS "G" KEY LEVER TO TRIP KEYBOARD CLUTCH. POSITION STOP BY LOOSENING STOP LOCK NUT. RECHECK AFTER ADJUSTMENT.

TRAVEL SCREW REQUIREMENT
WITH SPACE KEY FULLY DEPRESSED;
MIN. 0.035 INCH----MAX. 0.080 INCH BETWEEN RESET BAIL ROLLER AND NON-REPEAT LEVER.
TO ADJUST
WITH SPACE KEY FULLY DEPRESSED, ADJUST TRAVEL SCREW BY LOOSENING TRAVEL SCREW LOCK NUT. RECHECK AFTER ADJUSTMENT.

NOTE
SPACE BAR TOUCH TO OBTAIN A REPEAT IS AFFECTED BY THIS ADJUSTMENT. TO GET A LIGHTER TOUCH, ADJUST TO UPPER LIMIT. TO OBTAIN A HEAVIER TOUCH ADJUST TO THE LOWER LIMIT.

SPACE BAR
(1) REQUIREMENT (SINGLE SPACE) NORMAL KEY TOP PRESSURE TO TRANSMIT SINGLE SPACE
(2) REQUIREMENT (REPEAT SPACE) SPACE BAR FULLY DEPRESSED AND HELD DOWN TO EFFECT CONTINUOUS SPACE TRANSMISSION.